



CAOSMGE 2022

5-7 October, 2022
Samarkand, Uzbekistan
Challenges and Solutions



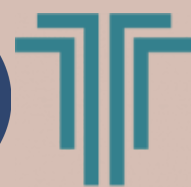
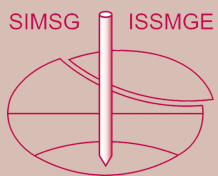
ABOUT UZBEKISTAN

Uzbekistan today is one of the dynamically developing countries of Central Asia both in politics, economy and science. It is rich in valuable resources and minerals, and occupies a leading position in their export. The country has a unique nature, warm climate and magnificent geography.

SAMARKAND ALWAYS ATTRACTS TRAVELLERS AND SCIENTISTS

Welcome to Samarkand to the second largest city in Uzbekistan and the capital of History, Tourism and Science. Samarkand is well-known since the ancient period and appointed as the important city on the crossroad of the Great Silk Road. Samarkand is about 3000-year-old. The city was very attractive and all the rulers of different countries tried to take possession of it for its favorable location, greatness and beauty. Its name already contained the meaning of the city of success and wealth, both its old name in Turkic-Marakand and, and in Arabic-Samarkand. The impressive size of the city, buildings and structures made one admire the power of Samarkand, but only a part of them has survived to this day, and looking at them we can imagine how scientific thought was developed, since these buildings and structures were the greatest achievements of the developed architectural and construction sciences, technology and civilization of that time. In 2001, UNESCO added the city to its World Heritage List as Samarkand - Crossroads of Cultures.

SIMSG ISSMGE



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GREETING

Dear colleagues, I am pleased to inform you that the Uzbek Geotechnical Society is planning to hold the 5th Central Asian (CA) Conference on Soil Mechanics and Geotechnical Engineering in October 2022. The last CA conference was also held in Samarkand in 2012. The last conference was attended by representatives of more than 30 countries with more than 200 participants.

You know that our city of Samarkand plans to hold a grandiose summit of the Shanghai meeting this year with the participation of top officials from 10 states. Over the past 3 years in the historical city of Samarkand, in connection with this summit, grandiose work has been carried out in the field of construction, architecture, landscaping, transport construction and restoration of architectural monuments. The founders of the conference are the leading university of Samarkand, SamSU, and two main construction universities of the country: Samarkand and Tashkent State Institutes of Architecture and Civil Engineering. Financing and organization of the conference is entrusted to Geofundamentproject LLC, Samarkand.

The conference is planned to be held in the following areas

- **Issues of geotechnical engineering**
- **Problems of preservation of monuments of historical cities and related geotechnical issues**
- **Soil mechanics**
- **Contact tasks of a construction mechanic**

The main purpose of holding such a conference in Uzbekistan is to consider and exchange experience of geotechnical problems associated with the erection and construction of high-rise buildings and transport structures in seismic conditions and in soft soils, geotechnical problems of historical cities, the problems of building tailings, industrial and domestic waste, water-saving technologies and alternative energy sources, etc. Along with this, we consider it important to consider issues in the field of soil mechanics and contact issues in structural mechanics under static and dynamic (seismic) loads.

We hope that your participation in our conference will provide an opportunity not only to discuss the scientific and practical issues of Geotechnics, but also to give you great pleasure in visiting world-famous monuments, museums, theaters and religious centers (Muslim, Christian, Catholic, Jewish) temples of the ancient city of Samarkand.

We plan after the end of the conference on October 7-8, 2022 to organize 1-day tours to the historical cities of Uzbekistan Bukhara, Khiva, Shakhrisabz and the capital city of Tashkent. Guests of our city will witness a unique culture, an abundance of vegetables and fruits, an Asian bazaar and, most importantly, you will get acquainted with the unique Uzbek cuisine known throughout the world.

We will make every effort to organize the conference at a high level in a friendly atmosphere and maximum Asian comfort. Welcome to Samarkand.

President of the Geotechnical Society of Uzbekistan, prof. Askar Khasanov.

IMPORTANT DATES

SUBMIT OF ABSTRACTS UNTILL 31ST OF JULY, 2022

SUBMIT OF PAPER UNTILL 31ST OF AUGUST, 2022

CONFERENCE REGISTRATION UNTILL 1ST OF OCTOBER, 2022

CONFERENCE 5-7 OCTOBER, 2022

Abstract Design Guidelines - Abstracts should not exceed 10 lines

Guidelines for the design of a scientific paper - Papers should be typed in Times New Roman 9 using MS Word (.docx) and PDF format in A4 format and should not exceed 6 pages

More information will be sent by email.

THE COST OF PARTICIPATION IN THE CONFERENCE

Main participants	US\$ 450
Accompanying persons	US\$ 300
Online members	US\$ 200
Uzbekistan	US\$ 200

Information about the publication of scientific papers of the conference participants - Proceedings will be done in digital format. Printed form will be done according to personal request.

<http://conference.geotechnics.uz>

e-mail: conference.uzgs2022@gmail.com

INFORMATION FOR SPONSORS

Gold sponsor	US\$ 5000
Silver sponsor	US\$ 3000
Bronze sponsor	US\$ 1500

Information for stands in the exhibition area

Stand cost - 2m x 3m and height 2.5m - 2500 US dollars.

The price of the stand also includes a table 80 cm x 80 cm, 4 chairs, lighting and a socket

Founders of the conference

1. Samarkand State University – Rector, Prof. Kholmuradov R.I.
2. Samarkand State Institute of Architecture and Civil Engineering – Rector, Dr. Chidem Janbai Turkeyilmaz
3. Tashkent Institute of Architecture and Civil Engineering – Rector Prof. Erjan Kahya
4. Scientific, Geotechnical Surveys and Design Institute Geofundamentproject LLC – Owner, Prof. Askar Khasanov

Vice Chairs

1. Leading specialist of Qishloqqurilishloyiha LLC– Ph.D. Ilkhom Usmankhojaev.,
2. Samarkand State Institute of Architecture and Civil Engineering – Ph.D. Zokhir Khasanov

Organizing committee

Prof. Kholmuradov R.I. – Rector of Samarkand State University, Doctor of Technical Sciences

Dr. Chidem Janbay Turkeyilmaz – Rector of Samarkand State Institute of Architecture and Civil Engineering

Prof. Majidov I.U. – Rector of National University of Uzbekistan, Doctor of Technical Sciences

Prof. Erjan Kahya – Rector of Tashkent Institute of Architecture and Civil Engineering

Dr. Abdurakhmanov Odil Kalandarovich – Rector of Tashkent State Transport University

R. Kuchkarov – Adviser of the Ministry of Construction of the Republic of Uzbekistan

Conference Secretary General – PhD Zokhir Khasanov

Conference coordinator – Yodgor Obidov

Members of the Scientific Committee

Dr Marc Ballouz – President of ISSMGE

Prof. Suttisak Soralum – President of TGS and SEAGS

Prof. Eun Chul Shin – Vice President of AGSSEA

Prof. N.K. Samadhiya – President of IGS

Vice President of GeoSS: Dr. Darren Siau Chen CHIAN

Ir. Dr. Dominic Ong Ek Leong – President of MGS

Prof. Ilyichyov, Vyacheslav Alexandrovich – President of RSSMGFE

Prof. Rasin Duzceer – President of Turkish Society for ISSMGE

Prof. Prof. Abdel-Salam Mohamed Salem – President of EGS

Prof. Makhdi O. Karkush – President of ISSSMFE

Dr. Dr Andy Leung – Secretary General of HKGES

Dr. Salah Sadek – President of LGES

Prof. Fardin Jafarzadeh – President of IGS

Prof. Netra Prakash Bhandary – President of NGS

Prof. Jian-Min Zhang – President of CISMGE-CCES

Prof. Tai-Tien Wang – President of CTGS

Prof. Mamoru Mimura – President of JGS

Prof. Emeritus, Tokyo Institute of Technology

Prof. Kamchibek Ch. Kozhogulov – President of KGA

Dr. Moonkyung Chung – President of KGS

Engr. Amjad Agha – President of PGES

Prof. Zainalabudin Kouliev – President of TGS

Prof. A.Z. Zhushbekov – President of KazGS

Prof. A.M.M. Safiullah – President of BSGE

Registration form for participation in the 5th Central Asian International Conference on Soil Mechanics and Geotechnical Engineering CACSMGE 2022

all fields are required

Scientific degree	Dr., Prof., PhD
Name	
Surname	
Place of work	
Place of study	
Participation form	Online, virtual, personal
Report type	
Scope of study	
Paper title	
As part of the delegation	YES / NO
City	
Country	

Title in English. Instructions to authors (Arial 13)

The maximum length for the title is 150 characters (including spaces) and the title should be in lowercase letters except for the first letter, proper nouns, and acronyms.

[First Name] [Last Name] & [First Name] [Last Name] (Indicate the presenter in bold font) (Arial 10)

[Department], [Affiliation], [Country], [Presenter's email address] (Same affiliation)

[First Name] [Last Name]

[Department], [Affiliation], [Country] (Other affiliation)

ABSTRACT: Please find below the instructions to present your paper at the 5th CACSMGE Int. Conf., Samarkand, 5-7 October 2022. Papers should be typed in Times New Roman 9 using **MS Word** (.docx) and **PDF format** in **A4 format** and should not exceed **6 pages**. Abstracts should not exceed 10 lines. Please use this template to format your paper.

KEYWORDS: please provide a relevant keyword list (up to 5 keywords, single line only).

1 INTRODUCTION. FIRST LEVEL HEADING

First paragraph (no indentation). Please use this template to format your paper. English (UK) or (US) spelling is accepted.

Second paragraph (indented, no blank line between paragraphs). In-text references are as follows (Darcy 1856, Gibson & Henkel 1954) and placed in chronological order.

1.1 Second level heading

Include a single blank line before each figure (centered, as shown in Figure 1). For the figure captions, please use the format shown in Figure 1. Note that figure captions are placed below the figure.

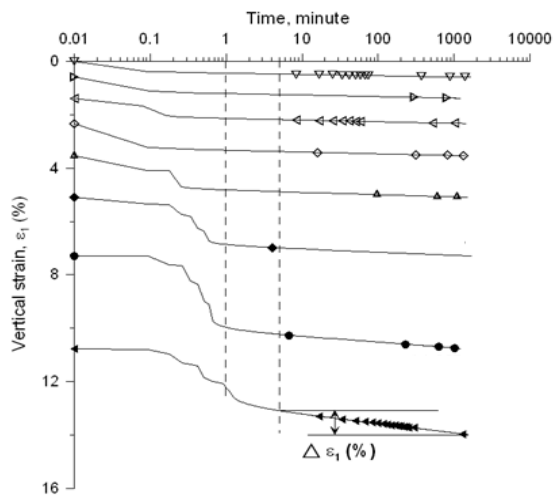


Figure 1. Figure caption (Times New Roman 8). Please provide good quality drawings (min. 300 dpi) with figure text and legends (character size > 1 mm) that are legible. Number figures consecutively.

The proceedings will be published electronically but will also be available in hard copy (black-and-white), for those who wish to purchase them. Please be mindful of this, so that plots, in particular, can be interpreted in B&W. Use SI units.

1.1.1 Third level heading

Insert one blank line before and after each table (see Table 1). For table captions, please use the format shown in Table 1. Note that table captions are placed above the table.

Table 1. Table caption numbered consecutively. Tables placed below caption. Use Times New Roman 8 for the caption, text and numbers in the table.

Parameter	<i>a</i>	<i>b</i>
Parameter <i>x</i> (unit)	14.0	19.2
Parameter <i>y</i> (unit)	8.4	0.5

Equations should be numbered consecutively at the end of the line, in parentheses (see Eq. 1). Place a single blank line above and below the equation.

$$y = \sqrt{b^2 - 4ac} \quad (1)$$

Please do not use footnotes.

2 CONCLUSIONS

In this section the most significant results of your work should be summarized.

3 ACKNOWLEDGEMENTS

Place any acknowledgements, should they be needed, in this section, between the 'Conclusions' and 'References' sections.

4 REFERENCES

References in alphabetical order, using Times New Roman 8 point font.

Gibson R.E. and Henkel D.J. 1954. Influence of duration of tests at constant rate of strain on measured "drained" strength. *Géotechnique* 4 (1), 6-15.

Darcy H. 1856. *Les fontaines publiques de la ville de Dijon*. Dalmont, Paris.

Terzaghi K. 1936. The shearing resistance of saturated soils. *Proc. 1st Int. Conf. Soil Mech.*, Cambridge, Mass., 1, 54-56.

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[First Name] [Last Name] & [First Name] [Last Name] (Indicate the presenter in bold font) (Arial 10)
[Department], [Affiliation], [Country], [Presenter's email address] (Same affiliation)

[First Name] [Last Name]
[Department], [Affiliation], [Country] (Other affiliation)

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